

(No Model.)

E. M. TURNER.
STIRRUP.

No. 416,765.

Patented Dec. 10, 1889.

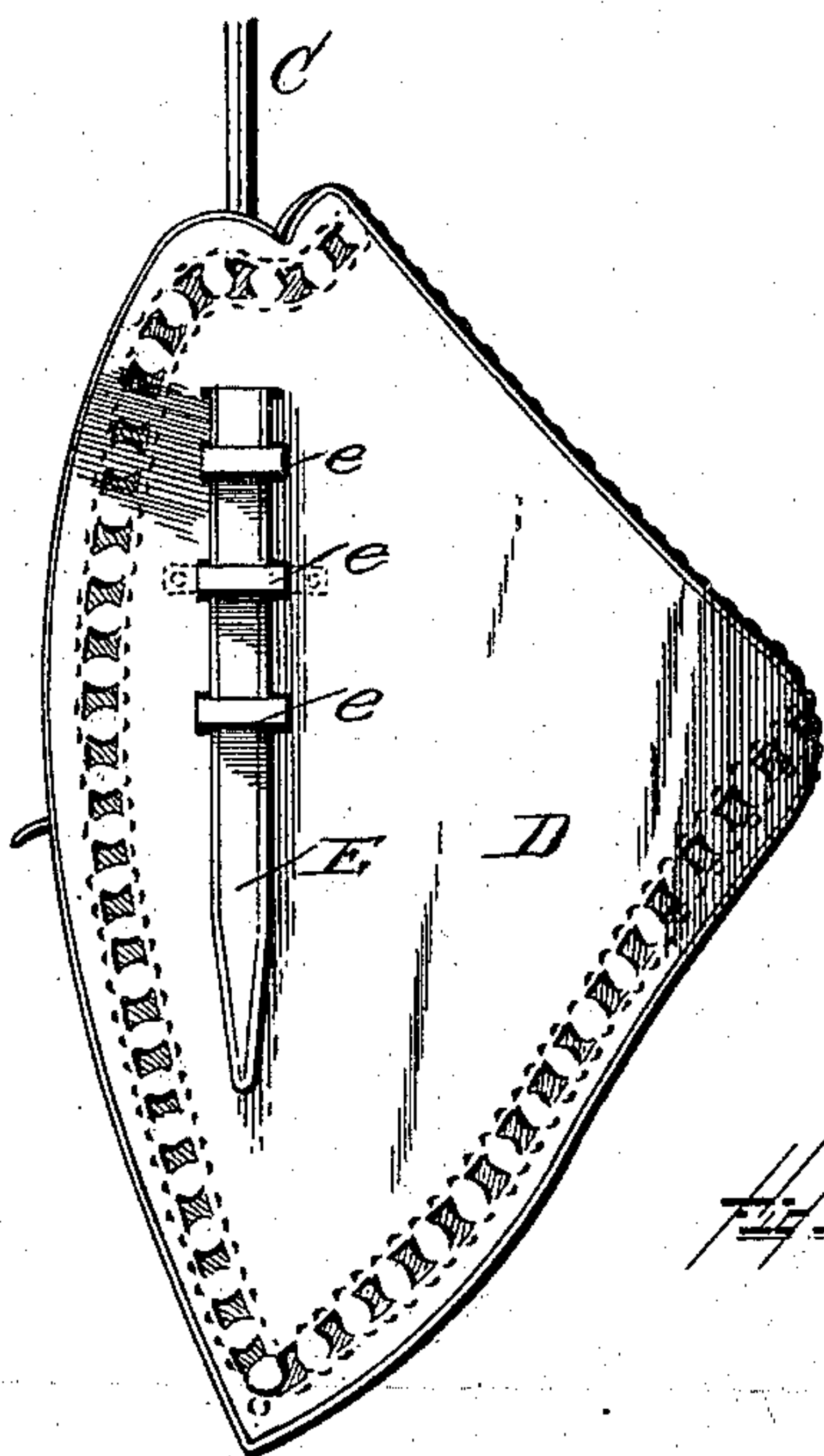


Fig. 1.

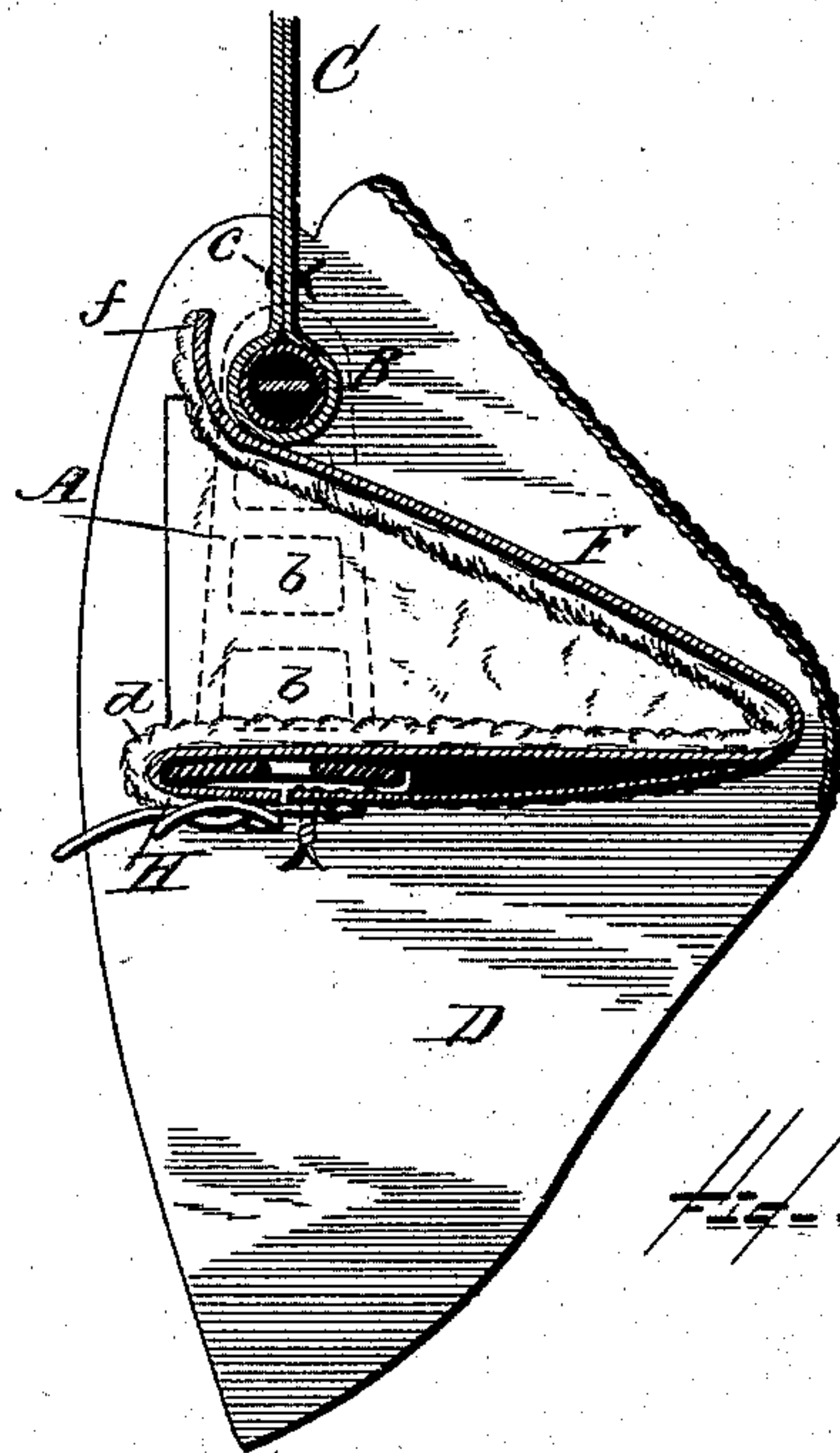


Fig. 2.

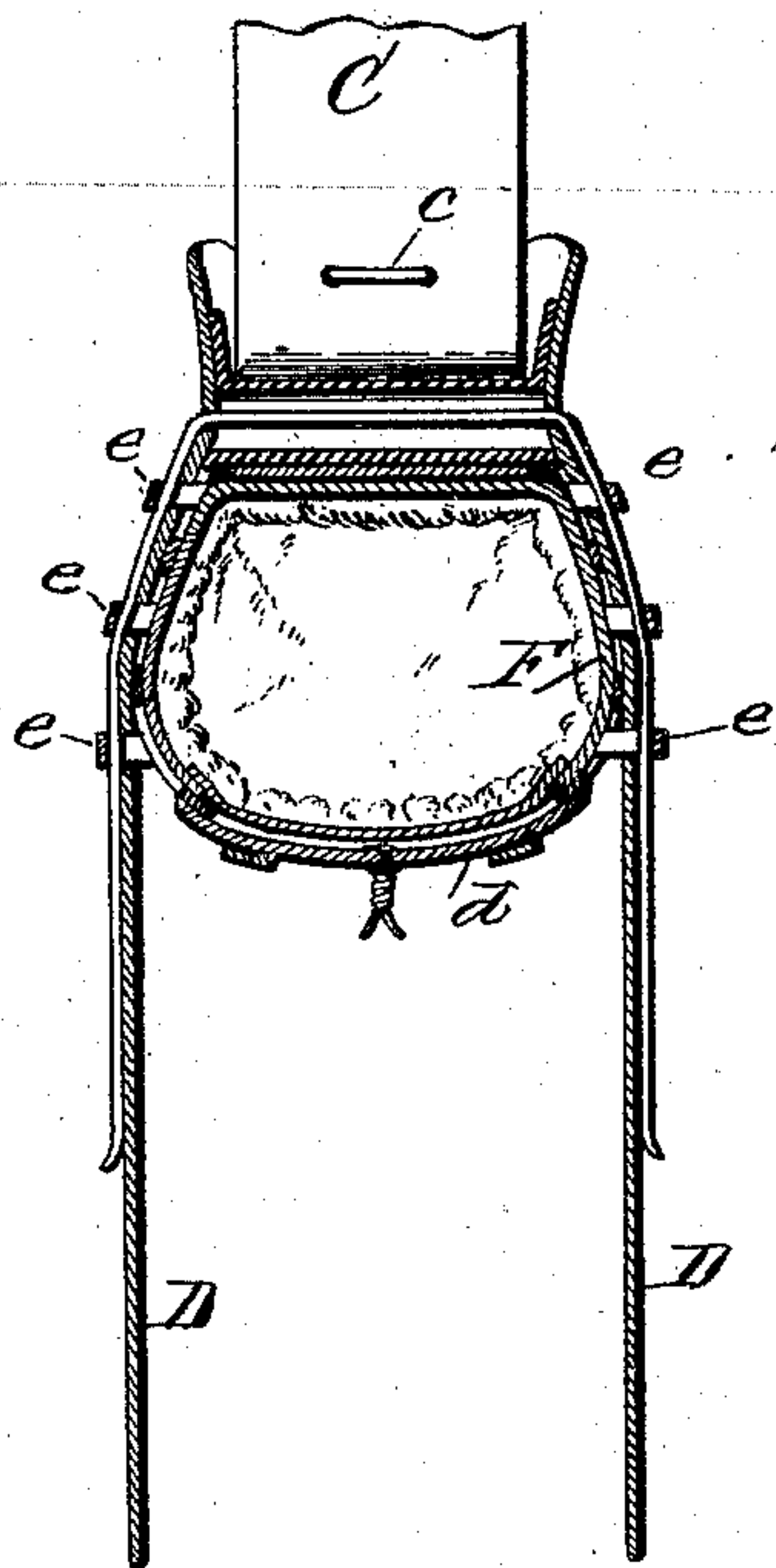


Fig. 3.

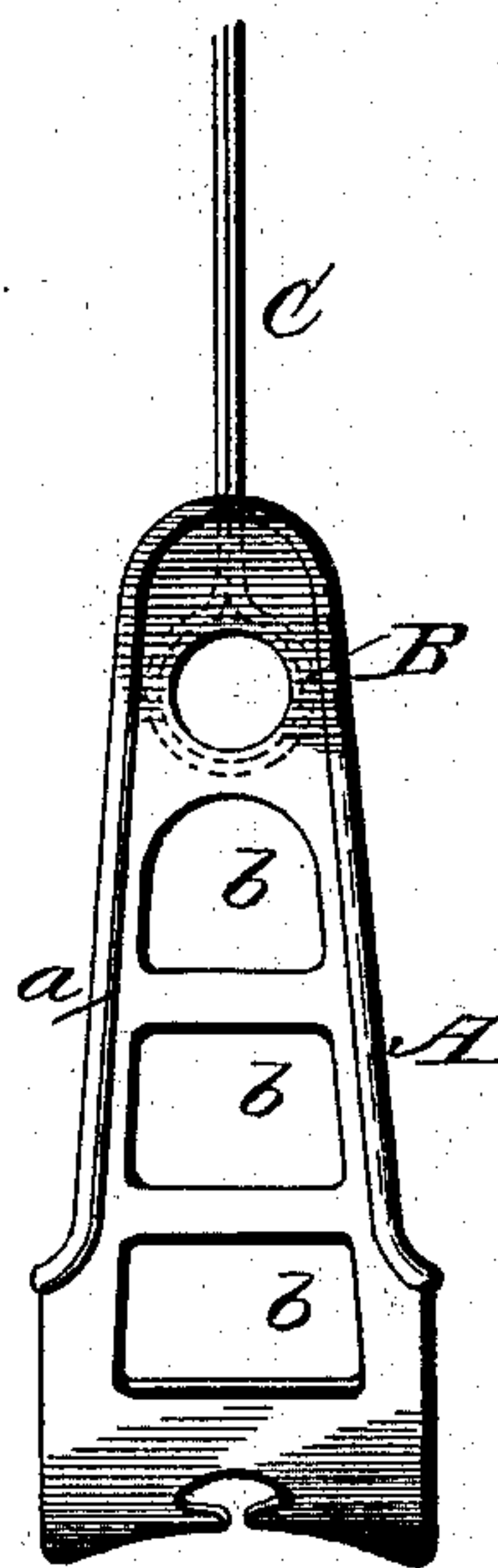


Fig. 4.

Witnesses

Albert Speiden,

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By *his* Attorney

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UNITED STATES PATENT OFFICE.

EPHRAIM M. TURNER, OF FORT WORTH, TEXAS.

STIRRUP.

SPECIFICATION forming part of Letters Patent No. 416,765, dated December 10, 1889.

Application filed September 16, 1889. Serial No. 324,148. (No model.)

To all whom it may concern:

Be it known that I, EPHRAIM M. TURNER, a citizen of the United States, residing at Fort Worth, in the county of Tarrant and State of Texas, have invented certain new and useful Improvements in Stirrups; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference marked thereon.

This invention relates to certain new and useful improvements in stirrups; and it has for its object to provide an improved stirrup wherein shall be combined lightness with strength, and wherein is provided a removable slipper or protector designed for use in winter. Other improvements in construction are also aimed at.

The invention consists in the peculiarities of construction and the novel combinations and the arrangement and adaptation of parts, all as more fully hereinafter described, shown in the drawings, and then particularly pointed out in the appended claims.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a side elevation of my improved stirrup. Fig. 2 is a central vertical section through the same. Fig. 3 is a vertical section at right angles to the section in Fig. 2. Fig. 4 is an edge view of the metallic portion removed.

Like letters of reference indicate like parts throughout the several views.

Referring to the details of the drawings by letter, A designates the metallic frame or portion of the stirrup, which consists of the arms *a*, perforated, as shown at *b*, for lightness, as well as to provide for the passage of the loops, hereinafter described. The side portions of this metallic frame are joined at their upper ends by means of the tubular cross-tie B. The strap C is attached to this tubular cross-tie in any well-known manner, preferably, however, as shown in the drawings—that is, passed around the cross-tie and the two portions thereof united by means of a suitable fastening, as shown at *c*.

D is the fender, made of any suitable material and as fanciful in design as may be desired. This fender is attached to the metallic frame by means of the strap or cord E, which passes through the tubular cross-tie, thence back and forth through the openings *b* in the metallic frame, and through openings in the fender. This makes a very light, yet strong, stirrup.

F is the slipper or protector. It is formed of the proper shape and material, as shown in Figs. 2 and 3, with a lining of lamb's-wool, felt, or some other analogous soft material, as shown at *d*. This slipper is provided upon opposite sides with loops *e*, which are designed to pass through the openings *b* in the metallic frame and through the coincident holes in the fender, as shown in Figs. 1 and 3, being retained in position by means of the strap E, which passes through the loops after they have been passed through said holes, as shown clearly in Fig. 3, said strap passing through the tubular cross-tie, as shown in Fig. 3. This slipper is formed with a bendable portion or lip *f*, (the slipper being preferably formed of leather,) which serves to bear against the cross-tie and prevent contact of the foot of the rider therewith. It is also provided at its lower edge with a flap H, one edge of which is provided with suitable buckles and the other with straps engaging said buckles, as shown in Fig. 2. The portions of this flap embrace the cross portion of the metallic frame. By removing the strap E and unbuckling the flap portion of the slipper it may be readily removed. It is intended for use in cold weather to keep the feet warm, and for this purpose has proved very efficient. The shape of the slipper is immaterial. It may have a round or square toe, as preferred.

What I claim as new is—

1. An improved stirrup consisting of the metallic frame and the cross-tie connecting the upper end thereof, the slipper provided with loops passed through openings in the frame, and a strap passed through said loops for detachably connecting the slipper to the frame, substantially as described.

2. An improved stirrup consisting of the metallic frame provided with tubular cross-tie and openings, as shown, the slipper pro-

vided with loops, the fender provided with openings, and the strap passed through the loops after the latter have been passed through the openings in the frame and fender, substantially as and for the purpose specified.

3. The stirrup described, consisting of the metallic frame formed with tubular cross-tie and with openings, as described, the fender having openings upon opposite sides, the
10 slipper provided with loops upon opposite sides, passed through the openings in the frame and fender, and with a lip and a flap

provided with straps and buckles, and a removable strap passed through the loops on the slipper and through the tubular cross-tie, 15 all substantially as shown and described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

EPHRAIM M. TURNER.

Witnesses:

W. S. DAY,
L. H. C. JEWELL.